

INACTIVE FOR NEW DESIGN

INCH-POUND

MIL-DTL-27434/13A

9 January 2003

Superseding

MIL-A-27434/13

28 September 1960

DETAIL SPECIFICATION SHEET

ADAPTER, CONNECTOR, COAXIAL, RADIOFREQUENCY, BETWEEN SERIES, TYPE UG-497A/U (SERIES HN TO LC)

This specification is approved for use by all Departments
and Agencies of the Department of Defense

The requirements for acquiring the adapter described herein shall
consist of this document and the latest issue of MIL-A-27434.

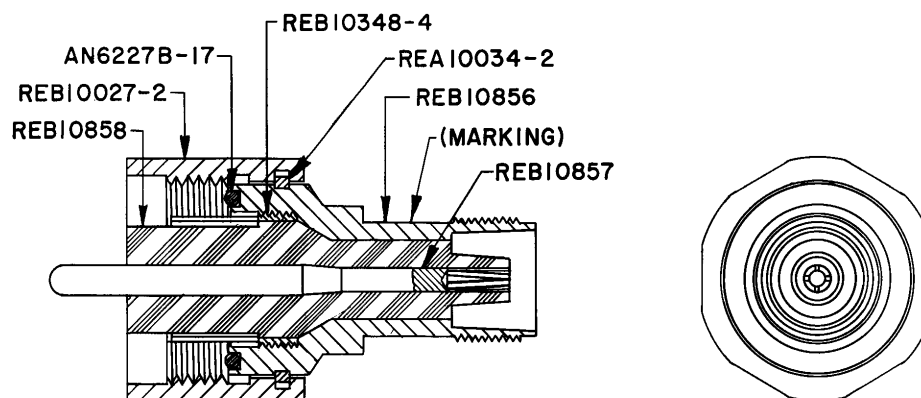
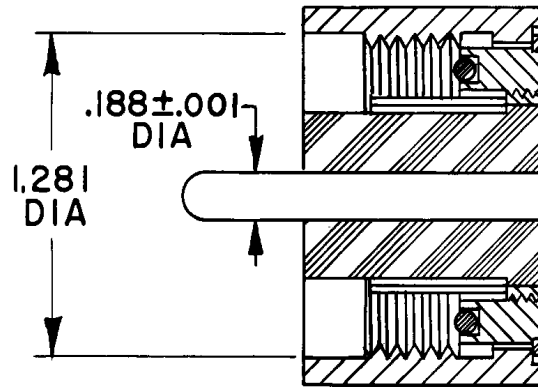


FIGURE 1. Type UG - 497A/U connector adapter.



SERIES LC

Inches	millimeters
.001	0.02
.188	4.77
1.281	32.53

NOTES:

1. All dimensions are in inches.
2. Unless otherwise specified, tolerances are +/- 0.005 inch.

FIGURE 2. Series LC pin contact interface.

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Dimensions and configuration: In accordance with Figure 1 and the following drawings:

SAE-AS28775 - Packing, Preformed, Hydraulic, +275 DEG. F. ("O" RING)
REB10027 - Coupling Nut
REA10034 - Spring
REB10348 - Contact
REB10856 - Body
REB10857 - Contact
REB10858 - Insulator

Mating characteristics: Series HN interface shall be in accordance with MIL-STD-348. Series LC interface shall be in accordance with figure 2.

Dielectric withstanding voltage: The test voltage shall be 7,800 volts rms, applied at a rate of 500 volts per second, until the rated test voltage is reached.

Part or Identifying Number (PIN): UG-497A/U.

Supersession: This document supersedes Navy drawing REB49273.

CONCLUDING MATERIAL

Custodians:

Army - CR
Navy - EC
Air Force - 11
DLA - CC

Preparing activity:

DLA - CC

(Project 5935-4446-000)

Review activities:

Air Force - 99
Navy - SH